Use Case

SAP Gold Partner™
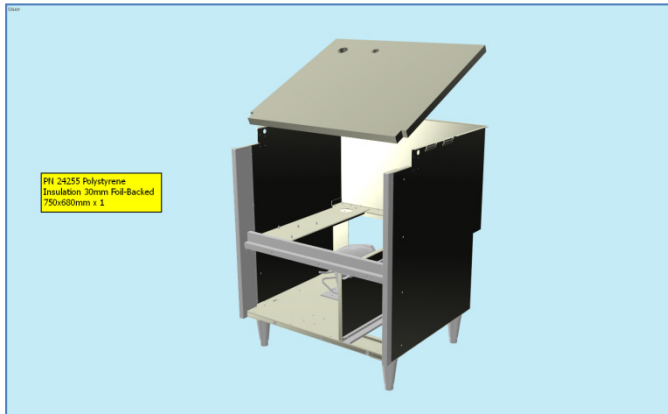
3D Manufacturing & Assembly Instructions

Future Products Group are world renowned for the design and manufacture of temperature controlled food display solutions in the supermarket and food retail industries. As part of their commitment to continuous manufacturing improvement they aspired to eliminate paper from the shop floor and reuse CAD data to deliver more effective assembly instructions at the point of work via the intranet. After evaluating several competitive solutions SAP 3D Visual Enterprise Author was selected due to its ease of use and the high quality assembly instructions produced. The 3D Manufacturing & Assembly Instructions delivered rapid ROI and continue to deliver significant value to Future Products Group's Manufacturing and Service teams.

PN 24255 Polystyrene
Insulation 30mm Foil-Backed
750x680mm x 1

FPG
food display ▪ retail solutions

Challenge	•Interpretation & communication gaps in manufacturing. •Long manufacturing cycles due to reliance on complex 2D drawings for communicating assembly procedures. •Need for illustrative, step-by-step manufacturing and assembly instructions.
Solution	•SAP 3D Visual Enterprise Author for the creation of 3D Visual Assembly Instructions. •SAP 3D Visual Enterprise Viewer for the free delivery of instructions to the point of work via the intranet.
Value	•Reduced time-to-manufacture by 15%. •Reduced errors & rework by 25%. •Reduced shop floor training time by 33%. •Reduced production ramp-up from 17 days to 4 days.